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|---|---|----|--------------------------|------------------------|--------------|
| Substituted for form 1449, USPTO<br><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) |   |    | <i>Complete if Known</i> |                        |              |
|   |   |    | Applicati n Number       | 10/693,214             |              |
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|   |   |    | First Named Inventor     | Said Goueli            |              |
|   |   |    | Gr up Art Unit           | 1623 / 651             |              |
|   |   |    | Examiner Name            | Unknown                |              |
| Sheet   | 1 | of | 2                        | Attorney Docket Number | 34506.105DIV |

| U.S. PATENT DOCUMENTS |          |                      |                      |   |  |   |
|-----------------------|----------|----------------------|----------------------|---|--|---|
| Examiner Initials     | Cite No. | U.S. Patent Document |                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |          | Number               | Kind Code (if known) |   |  |   |
| RG                    |          | 5,869,275            | A                    | Huang et al.                                    | 02/09/1999                                       |   |
| RG                    |          | 5,527,688            | A                    | Mallia  | 06/18/1996                                       |   |

| FOREIGN PATENT DOCUMENTS |          |                         |             |                      |  |  |   |   |
|--------------------------|----------|-------------------------|-------------|----------------------|--|--|---|---|
| Examiner Initials        | Cite No. | Foreign Patent Document |             |                      | Name of Patentee or Applicant of Cited Document    | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
|                          |          | Office                  | Number      | Kind Code (if known) |  |  |   |   |
| RG                       | ✓        | EP                      | 0 444 302   | A1                   | Becton Dickinson & Co.                             | 09/04/1991                                       |   |   |
|                          | ✓        | DE                      | 199 42 268  | A1                   | Hans Knoll Institut Fur Naturstoff-Forschung e. V. | 03/30/2000                                       |   |   |
|                          | ✓        | PCT                     | WO 95/23612 | A1                   | Promega Corp.                                      | 09/08/1995                                       |   |   |
|                          | ✓        | PCT                     | WO 97/40173 | A2                   | Chiron Corp.                                       | 10/30/1997                                       |   |   |
|                          | ✓        | PCT                     | WO 00/00584 | A2                   | Prestwich  | 01/06/2000                                       |   |   |
| ✓                        | ✓        | PCT                     | WO 00/18949 | A2                   | Prestwich et al.                                   | 04/06/2000                                       |   |   |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |          |  |  |   |
|--|----------|--|--|---|
| Examiner Initials                                  | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |  | T |
| RLG  | ✓        | CHAUDHARY et al. (1997) Rapid purification of reporter group-tagged inositol hexakisphosphate on ion-exchange membrane adsorbers, <i>BioTechniques</i> , 23: 427-430.  |  |   |
| RLG  | ✓        | CHEN et al. (1996), <i>J. Org. Chem.</i> , 61:6305-6312.   |  |   |

|     |   |  |   |
|-----|---|--|---|
| 126 | ✓ | ERNEUX et al. (1998) The diversity and possible functions of the inositol polyphosphatase 5-phosphatases, <i>Biochimica et Biophysica Acta</i> , 1436 185-199.   |   |
|     | ✓ | MEAHAMA et al. (1998) The tumor suppressor, PTEN/MMAC1, dephosphorylates the lipid second messenger, phosphatidylinositol 3,4,5-trisphosphate, <i>Journal of Biological Chemistry</i> , Vol. 273, No. 22, 13375-13378. |   |
|     | ✓ | OZAKI et al. (2000) Intracellular delivery of phosphoinositides and inositol phosphates using polyamine carriers, <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 97, Issue 21, 11286-11291.                                  |   |
|     | ✓ | PRESTWICH, G.D. (1996), Touching All of the Bases: Synthesis of Inositol Polyphosphate and Phosphoinositide Affinity Probes from Glucose. <i>Acc. Chem. Res.</i> 29:503-513.   |   |
|     | ✓ | RAO et al. (1998), Phosphoinositides are Central to Signal Transduction and Membrane Trafficking in All Eukaryotes. <i>Cell</i> 94:829.  | ✓ |
|     | ✓ | SHEARS, S.B. (1998) The Versatility of inositol phosphates as cellular signals, <i>Biochimica et Biophysica Acta</i> 1436: 49-67.  |   |
| ✓   | ✓ | WANG et al. (2000) Biotinylated phosphatidylinositol 3,4,5-trisphosphate as affinity ligand, <i>Analytical Biochemistry</i> , 280: 301-307.  |   |

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|--------------------|----------|-----------------|----------|
| Examiner Signature | 12620men | Date Considered | 12/17/04 |
|--------------------|----------|-----------------|----------|